| | | | | | | _ | | SERIAL NO | | | , i | FILING DATE | | | |
|---------------|--------------|------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|---------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--|
| | | \sim | V 1 2 4 4 | S ON | II V | | ļ | 100 | 0845 | 98 | \ | | | | |
| ı | | UL . | الال ب <u>ہ</u> | J UN | a iun Y | | Γ . | APPLICAN | VT(S) | | | | | _ | |
| 1 | _ | | | | | | | | | | | | | | |
| | | | | | | | CLAIMS | | | | * | | T* . | | |
| ——т | AS FI | ILED | | TER NOMENT | AFT | ER | 1 | | * | _ | | - | | | |
| _ | L | ,—— | 1st AME | NDMENT DEP. | 2nd AMEN | DEP. | 1 F | + | IND. | DEP. | IND. | DEP. | IND. | DEP. | |
| | IND. | DEP. | IND. | JEP. | | <u> </u> | , | 51 | | 1 | T - | $\overline{\Gamma}$ | | | |
| 1 | 1 | — | | | - | | 1 + | 52 | | | | T | | | |
| 2 | | 1 | | | | | ų t | 53 | | | \top | | | | |
| 3 | ئــــا | 1 | <u> </u> | 1 | | | 1 + | 53 54 | | † | +- | T^{T} | T^{-} | | |
| 4 | ــــــــا | 1 | | + | | | f F | 54 55 | | | | | T^{-} | | |
| 5 | ـــــا | | | | | | q ŀ | 55 56 | | | T^- | | 1 | I | |
| 6 | <u> </u> | 1 | | | | | 1 ŀ | 56 57 | | | | \top | T^{-} | I | |
| 7 | <u> </u> | 1 | | + | | | 1 } | 57 58 | | | | | <u></u> | I | |
| 8 | <u> </u> | ' - | | + | | | 4 F | 58 59 | | | 1 | | <u> </u> | I | |
| 9 | <u> </u> | 1 | | + | | | 1 } | 60 | | | +- | | | | |
| 10 | <u> </u> | +/- | — — | + | | | 1 h | 60 | | $\overline{}$ | | | 1 | T^{-} | |
| 11 | <u> </u> | +- | | + | | + | 1 1 | 62 | \vdash | 1 | | | <u> </u> | | |
| 12 | <u> </u> | - | | | | + | 1 h | 62 63 | † | + - | \top | 1 — | | | |
| 13 | <u> </u> | 1 | | + | | + | 1 1 | 63 64 | | | | 1 | | <u></u> | |
| 14 | | 1 | + | + | + | + | 1 1 | 64 65 | | † | | 1 | | | |
| 15 | | 1 | | + | + | + | 1 1 | 65 66 | T | 1- | | 1 | | 1 | |
| 16 | _ | 1 | + | + | + | + | 1 1 | 66 | | + | + | +- | 1 | | |
| 17 | | +1- | + | + | + | + | 1 | 68 | 1 | + | 1- | | | | |
| 18 | | +- | + | + | + | + | 1 1 | 68 | + | + | | | | | |
| 19 | | | + | + | + | + | ۱ ۱ | 70 | † | | 1 | 1 | | | |
| 20 | | + | + | + | + | + | ┧ , | 70 | + | + | +- | +- | | | |
| 21 | <u> </u> | 1 | | + | | + | 1 1 | 71 72 | | +- | 1 | \top | \top | | |
| 22 | | +- | +- | + | + | + | - | 72 | | +- | | \top | _ - | | |
| 23 | +- | +- | + | + | + | + | - | 73 | +- | 1 | | | \neg | | |
| 24 | +- | +1 | + | : | + | + | - | 74 | +- | + | +- | 1 | \top | _ | |
| 25 | - | + | + | + | + | + | - | 75 | 1 | + | 1- | +- | 1 | | |
| 26 | - | 1 | + | + | + | + | 4 | 76 | +- | | +- | | 1 | | |
| 27 | 1- | 1 / | +- | + | + | + | 4 | 77 | + | +- | +- | 1 | \top | | |
| 28 | +- | + | | + | 1 | + | - | 78 | + | + | +- | 1 | 1 | 1 | |
| 29 | +- | 14 | + | + | + | - | 4 | 79 80 | + | + | - | +- | \top | 1 | |
| 30 | +- | + 1 | + | + | + | + | 4 | 80 | + | +- | | - | | | |
| 31 | | | + | + | + | + | - | 81 | + | + | + | +- | | | |
| 32 | + | 1 | - | + | + | + | - | 82 | + | + | + | +- | 1 | +- | |
| 33 | _ | | + | + | + | + | - | 83 | + | +- | +- | - | | _ | |
| 34 | + | - | - | +- | + | + | - | 84 | + | + | | +- | | 1- | |
| 35 | | + | - | | + | + | - | | +- | - | +- | +- | 1- | \top | |
| 36 | + | | +- | - | + | + | - | 86 | + | + | | - | +- | - | |
| 37 | _ | | +- | - | + | + | - - | 87 | +- | +- | | | +- | | |
| 38 | +- | +- | + | - | + | + | - | 88 | + | + | +- | | _ | | |
| 39 | + | + | - | + | + | + | - | 90 | + | + | +- | - | | _ | |
| 40 | 4 | + | +- | + | + | + | \dashv | 90 | +- | +- | + | | +- | | |
| 41 | 4 | 1 | +- | - | + | + | \dashv | 91 | + | +- | | +- | | | |
| 42 | | + | | + | | + | - | 92 | + | | +- | | _ | | |
| 43 | 4 | + | +- | | + | + | \dashv | 93 | | +- | - | +- | +- | _ | |
| 44 | 4_ | + | _ | + | - | - | 4 | | + | + | +- | +- | - - | +- | |
| 45 | 4_ | 4- | + | +- | | +- | \dashv | 95 96 | +- | - | +- | | _ | +- | |
| 46 | 4- | 4 | + | - | + | +- | \dashv | 96 | +- | - | +- | | + | +- | |
| 47 | +- | 4- | + | + | - | | 4 | 97 | | +- | | +- | | +- | |
| 48 | ↓ | | +- | | | +- | | 98 | +- | - | + | | - | + | |
| 49 | _ | | _ | | 1- | +- | 4 | 99 | +- | | +- | | +- | | |
| 50 | | | _ | | 4- | + | - | TOTAL | | +- | +- | + | | + | |
| TOTAL IND. | 2 | 1 | | | L - | | 1 | TOTAL IND. | | 1 | | ┚ | | ╜ | |
| TOTAL | | * | | — — * | | _ 🕶 | 1 | TOTAL | ч— | - (= | | — | 1 | _ | |

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office